

40674 to 40676—Continued.

but is too dry to be cultivated for the flesh, and the skin is too thin for utilization as citron peel." (*Wester, Citrus Fruits in the Philippines, Philippine Agricultural Review, first quarter, 1915.*)

40676. CITRUS MEDICA ODORATA Wester.

Tihi-tihi.

"The leaves of this species contain 0.6 per cent essential oil, and the plant might possibly be grown for this oil." (*Wester.*)

"A small, thorny shrub, seldom exceeding 2.5 meters in height, with sharp, stout spines; fruit 60 to 65 mm. long, 7 to 10 cm. in transverse diameter, weighing 300 to 475 grams, oblate, with a shallow basal cavity, and sometimes a mammillate apex, more or less ridged longitudinally, fairly smooth, clear lemon yellow; lenticels scattered, depressed; oil cells large, equal or a trifle raised, skin rather thick; pulp grayish, rather dry, sharply acid, of lemon flavor; juice cells long and slender; seeds many, sometimes 125 in a single fruit, short, broad, and flattened. The *tihi-tihi* is a rare plant found in cultivation in Cebu and Bohol; one plant has been seen in Misamis, Mindanao. The plant is very precocious, fruiting as early as the third year from seed, everbearing, and the fruit is used by the Filipinos in washing the hair. It is not eaten and is of no commercial importance. The *tihi-tihi* differs from the citron in its green, tender, highly aromatic growth, the leaves having been found to contain 0.6 per cent essential oil, as analyzed by the Bureau of Science. The fruit is strikingly different from the citron." (*Wester, Citrus Fruits in the Philippines, Philippine Agricultural Review, first quarter, 1915.*)

40677 to 40770.

From China. Collected by Mr. Frank N. Meyer, Agricultural Explorer for the Department of Agriculture. Received May 11, 1915. Quoted notes by Mr. Meyer.

40677 to 40680. JUNIPERUS spp. Pinaceæ.

Juniper.

40677. JUNIPERUS SALTUARIA Rehder and Wilson.

"(No. 2202a. Siku, Kansu, China. November 14, 1914.) A peculiar species of juniper, of weeping habit, forming long cordlike branches, which hang down perpendicularly from the crown. Able to stand much drought and heat, but apparently quite sensitive to severe frosts. Of value as a quaint ornamental tree for cemeteries, especially for the drier sections of the United States. Chinese name *Tzu pei shu*, meaning 'pointed conifer.'"

40678. JUNIPERUS FORMOSANA Hayata.

"(No. 2203a. Kwatsa, on Siku River, Kansu, China. November 10, 1914.) A juniper of weeping habits, very similar to the preceding number [S. P. I. 40677], but branches less drooping. Of value as a quaint ornamental tree for cemeteries, especially in the drier sections of the United States."

40679. JUNIPERUS CHINENSIS L.

"(No. 2204a. Sianfu, Shensi, China. January 25, 1915.) A tall-growing juniper of graceful habit, assuming characteristic shapes when old. Foliage bluish. Apparently not able to withstand severe frosts. Of decided value as a park tree for those semiarid sections of the United States where the winters are not too severe."